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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/782,695
Filing Date	February 19, 2004
First Named Inventor	Maria A. Glucksmann, et al.
Title	NOVEL 14275, 54420, 8797, 27439....
Art Unit	1646
Examiner Name	Jiang, Dong
Attorney Docket Number	MPI04-002OMNIM

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

30405

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

30405

☐ Firm or
Individual Name

Address

City

State

Zip

Country

Telephone


Email

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

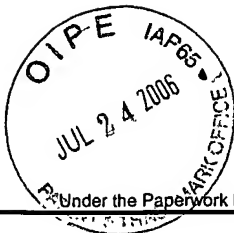
Signature		Date	July 19, 2006
Name	Ian Robert Silverman	Telephone	617 551 8604
Title and Company	Associate General Counsel		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Millennium Pharmaceuticals, Inc.

Application No./Patent No.: 10/782,695 Filed/Issue Date: February 19, 2004

Entitled: NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES AND USES THEREFOR

Millennium Pharmaceuticals, Inc., a a Delaware corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015566, Frame 0860, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

I. R. Silverman
Signature

July 19, 2006
Date

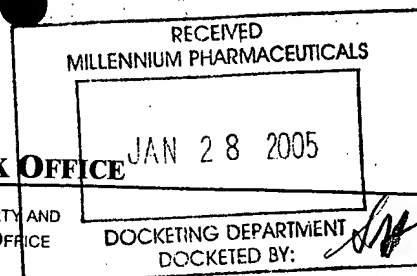
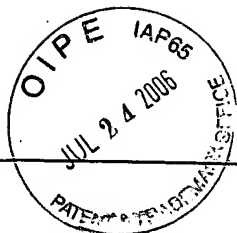
Ian Robert Silverman
Printed or Typed Name

617 551 8604
Telephone Number

Associate General Counsel
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 14, 2005

PTAS
MILLENNIUM PHARMACEUTICALS, INC.
MARIO CLOUTIER
40 LANDSDOWNE STREET
CAMBRIDGE, MA 02139



102794664A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/16/2004

REEL/FRAME: 015566/0860
NUMBER OF PAGES: 51

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GLUCKSMANN, MARIA A.

DOC DATE: 04/26/2004

ASSIGNOR:

CURTIS, RORY A.J.

DOC DATE: 04/22/2004

ASSIGNOR:

TSAI, FONG-YING

DOC DATE: 04/27/2004

ASSIGNOR:

HODGE, MARTIN R.

DOC DATE: 06/10/2004

ASSIGNOR:

MEYERS, RACHEL D.

DOC DATE: 04/24/2004

ASSIGNOR:

MACBETH, KYLE J.

DOC DATE: 04/22/2004

ASSIGNOR:

BANDARU, RAJASEKHAR

DOC DATE: 05/10/2004

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
40 LANDSDOWNE STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 10782695

FILING DATE: 02/19/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES
AND USES THEREFOR

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-20-2004



102794664

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

1. Name of conveying party(ies):

Maria A. Glucksmann

Execution Date: April 26, 2004

33 Summit Road

Lexington, MA 02173

Additional name(s) of conveying parties attached? ☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

2. Name and address of receiving party (ies):

Name: Millennium Pharmaceuticals, Inc.

Internal Address:

Street Address: 40 Landsdowne Street

City: Cambridge State: MA Zip: 02139

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is :

A. Patent Application No.(s)

10782,695

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mario Cloutier

Internal Address: Millennium Pharmaceuticals, Inc.

Street Address: 40 Landsdowne Street

City: Cambridge State: MA ZIP: 02139

6. Total number of applications and patents involved

1

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

501668

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mario Cloutier, Limited Recognition Under 37 C.F.R. §10.9(b)

Name of Person Signing

Mario Cloutier

Signature

July 13, 2004

Date

Total number of pages including cover sheet, attachments, and document:

52

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services,

Director - U.S. Patent and Trademark Office

P.O. Box 1450, Alexandria, VA 22313-1450

07/19/2004 LNUJELLER 00000100 501668

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01 FC:0021

40.00 DA

Rory A.J. Curtis
78 Hardwick Road,
Ashland, MA 01721

Execution Date: April 22, 2004

Fong-Ying Tsai
15 Montclair Road
Newton, MA 02468

Execution Date: April 27, 2004

Martin R. Hodge
5 Page Road,
Lexington, MA 02420

Execution Date: June 10, 2004

Rachel E. Meyers
115 Devonshire Rd,
Newton, MA 02468

Execution Date: April 24, 2004

Kyle J. MacBeth
796 Tremont St., #,
Boston, MA 02118

Execution Date: April 22, 2004

Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, MA 02472

Execution Date: May 10, 2004

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Maria A. Glucksmann
33 Summit Road
Lexington, Massachusetts 02173
Nationality: Argentina

Rory A.J. Curtis
78 Hardwick Road
Ashland, Massachusetts 01721
Nationality: United Kingdom

Fong-Ying Tsai
15 Montclair Road
Newton, Massachusetts 02468
Nationality: Taiwan

Martin R. Hodge
5 Page Road
Lexington, Massachusetts 02420
Nationality: United States

Rachel E. Meyers
115 Devonshire Rd
Newton, Massachusetts 02468
Nationality: United States

Kyle J. MacBeth
796 Tremont St., #1
Boston, Massachusetts 02118
Nationality: United States

Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, Massachusetts 02472
Nationality: India

have co-invented a certain invention entitled:

**NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES AND USES
THEREFOR**

for which they have executed an application for a United States patent, which was filed on February 19, 2004, under U.S. Application No. 10/782,695; and

WHEREAS,

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
40 Landsdowne Street
Cambridge, MA 02139
State of Incorporation: Delaware

is desirous of acquiring ASSIGNORS' entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby, without reservations, sell, assign and transfer to ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and to the invention in the United States and in every foreign country, and our entire right, title, and interest in and to the patent application and such other applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications and utility model applications) as may be filed on the invention in the United States or in any foreign country, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon; said invention, applications, and patents to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

ASSIGNORS hereby authorize the ASSIGNEE to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

ASSIGNORS hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein. ASSIGNORS further acknowledge that this assignment carries with it the right in ASSIGNEE to

claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

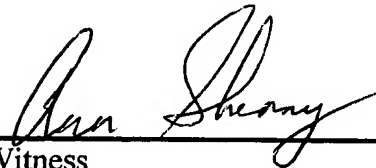
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.


ASSIGNORS further covenant that we will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, execute and deliver such additional assignments and other writings and do such additional acts as the ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representative of all parties hereto.

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issues such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set hand and seal this April 26, 2004 day of
X, 2003.


Signature of Maria A. Glucksmann

 46 Heron Circle, Rochester, MA 02124
Witness Address

 36 Harrison Ave. STURIS, MA 01906
Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rory A.J. Curtis

Witness Address

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Fong-Ying Tsai

Witness Address

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Martin R. Hodge

Witness Address

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rachel E. Meyers

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Kyle J. MacBeth

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rajasekhar Bandaru

Witness

Address

Witness

Address

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Maria A. Glucksmann
33 Summit Road
Lexington, Massachusetts 02173
Nationality: Argentina

Rory A.J. Curtis
78 Hardwick Road
Ashland, Massachusetts 01721
Nationality: United Kingdom

Fong-Ying Tsai
15 Montclair Road
Newton, Massachusetts 02468
Nationality: Taiwan

Martin R. Hodge
5 Page Road
Lexington, Massachusetts 02420
Nationality: United States

Rachel E. Meyers
115 Devonshire Rd
Newton, Massachusetts 02468
Nationality: United States

Kyle J. MacBeth
796 Tremont St., #1
Boston, Massachusetts 02118
Nationality: United States

Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, Massachusetts 02472
Nationality: India

have co-invented a certain invention entitled:

**NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES AND USES
THEREFOR**

for which they have executed an application for a United States patent, which was filed on February 19, 2004, under U.S. Application No. 10/782,695; and

WHEREAS,

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

40 Landsdowne Street

Cambridge, MA 02139

State of Incorporation: Delaware

is desirous of acquiring ASSIGNORS' entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby, without reservations, sell, assign and transfer to ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and to the invention in the United States and in every foreign country, and our entire right, title, and interest in and to the patent application and such other applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications and utility model applications) as may be filed on the invention in the United States or in any foreign country, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon; said invention, applications, and patents to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

ASSIGNORS hereby authorize the ASSIGNEE to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

ASSIGNORS hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein.

ASSIGNORS further acknowledge that this assignment carries with it the right in ASSIGNEE to

claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that we will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, execute and deliver such additional assignments and other writings and do such additional acts as the ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representative of all parties hereto.

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Maria A. Glucksmann

Witness Address

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this 22nd day of April, 20034

Rory Curtis

Signature of Rory A.J. Curtis

Nancy Nichols One Kendall Sq. Camb, MA 02139

Witness Address

Frank Buring One Kendall Sq. Cambridge MA 02139

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Fong-Ying Tsai

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Martin R. Hodge

Witness

Address

Witness

Address

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Signature of Rachel E. Meyers

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Kyle J. MacBeth

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rajasekhar Bandaru

Witness

Address

Witness

Address

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Maria A. Glucksmann
33 Summit Road
Lexington, Massachusetts 02173
Nationality: Argentina

Rory A.J. Curtis
78 Hardwick Road
Ashland, Massachusetts 01721
Nationality: United Kingdom

Fong-Ying Tsai
15 Montclair Road
Newton, Massachusetts 02468
Nationality: Taiwan

Martin R. Hodge
5 Page Road
Lexington, Massachusetts 02420
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Rachel E. Meyers
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796 Tremont St., #1
Boston, Massachusetts 02118
Nationality: United States

Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, Massachusetts 02472
Nationality: India

have co-invented a certain invention entitled:

**NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES AND USES
THEREFOR**

for which they have executed an application for a United States patent, which was filed on February 19, 2004, under U.S. Application No. 10/782,695; and

WHEREAS,

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

40 Landsdowne Street

Cambridge, MA 02139

State of Incorporation: Delaware

is desirous of acquiring ASSIGNORS' entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby, without reservations, sell, assign and transfer to ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and to the invention in the United States and in every foreign country, and our entire right, title, and interest in and to the patent application and such other applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications and utility model applications) as may be filed on the invention in the United States or in any foreign country, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon; said invention, applications, and patents to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

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ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that we will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, execute and deliver such additional assignments and other writings and do such additional acts as the ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representative of all parties hereto.

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Maria A. Glucksmann

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rory A.J. Curtis

Witness

Address

Witness

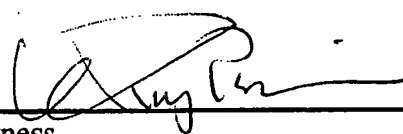
Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this 27th, ~~4~~ ^{PM} day of
April, 2003


Signature of Fong-Ying Tsai


Witness

15 Montclair Rd, Newton MA
Address


Witness

30 Silver Birch Rd, Newton, MA 02468
Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Martin R. Hodge

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rachel E. Meyers

Witness

Address

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IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Kyle J. MacBeth

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rajasekhar Bandaru

Witness

Address

Witness

Address

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Maria A. Glucksmann
33 Summit Road
Lexington, Massachusetts 02173
Nationality: Argentina

Rory A.J. Curtis
78 Hardwick Road
Ashland, Massachusetts 01721
Nationality: United Kingdom

Fong-Ying Tsai
15 Montclair Road
Newton, Massachusetts 02468
Nationality: Taiwan

Martin R. Hodge
5 Page Road
Lexington, Massachusetts 02420
Nationality: United States

Rachel E. Meyers
115 Devonshire Rd
Newton, Massachusetts 02468
Nationality: United States

Kyle J. MacBeth
796 Tremont St., #1
Boston, Massachusetts 02118
Nationality: United States

Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, Massachusetts 02472
Nationality: India

have co-invented a certain invention entitled:

**NOVEL 14275, 54420, 8797, 27439, 68730, 69112 AND 52908 MOLECULES AND USES
THEREFOR**

for which they have executed an application for a United States patent, which was filed on February 19, 2004, under U.S. Application No. 10/782,695; and

WHEREAS,

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

40 Landsdowne Street

Cambridge, MA 02139

State of Incorporation: Delaware

is desirous of acquiring ASSIGNORS' entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby, without reservations, sell, assign and transfer to ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and to the invention in the United States and in every foreign country, and our entire right, title, and interest in and to the patent application and such other applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications and utility model applications) as may be filed on the invention in the United States or in any foreign country, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon; said invention, applications, and patents to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

ASSIGNORS hereby authorize the ASSIGNEE to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

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ASSIGNORS further acknowledge that this assignment carries with it the right in ASSIGNEE to

claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that we will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, execute and deliver such additional assignments and other writings and do such additional acts as the ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representative of all parties hereto.

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issues such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Maria A. Glucksmann

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Signature of Rory A.J. Curtis

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Fong-Ying Tsai

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this 10th day of June, 20034

Signature of Martin R. Hodge

Ethert
Witness

6/10/04 2 DEANE ST, BOSTON, MA 02104
Address

Robert Bell
Witness

6/14/04 73 School St., Arlington, MA 02471
Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rachel E. Meyers

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IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Kyle J. MacBeth

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_____, 2003.

Signature of Rajasekhar Bandaru

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Signature of Maria A. Glucksmann

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Witness Address

Witness Address

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Signature of Fong-Ying Tsai

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Martin R. Hodge

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this 24 day of April, 2003.
4

Rachel Meyers
Signature of Rachel E. Meyers

V. Kofe 4 Charlesgate East, apt. 405, Boston MA 02215
Witness Address

D. Bernstein 115 Devonshire Rd Waban MA 02468
Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Kyle J. MacBeth

Witness Address

Witness Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rajasekhar Bandaru

Witness

Address

Witness

Address

PATENT

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For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

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Signature of Fong-Ying Tsai

Witness

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Witness

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Signature of Martin R. Hodge

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of _____, 2003.

Signature of Rachel E. Meyers

Witness

Address

Witness

Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this 22nd day of April, 2004. from 4/22/04

Kyle J. MacBeth
Signature of Kyle J. MacBeth

Cheryl L. Kelly
Witness

7 Lane 25 Natick MA 01760
Address

Allison Berger
Witness

36 Lawrence St. Woburn MA 02472
Address

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rajasekhar Bandaru

Witness

Address

Witness

Address

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Maria A. Glucksmann
33 Summit Road
Lexington, Massachusetts 02173
Nationality: Argentina

Rory A.J. Curtis
78 Hardwick Road
Ashland, Massachusetts 01721
Nationality: United Kingdom

Fong-Ying Tsai
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Rajasekhar Bandaru
434 Mt. Auburn St., Apt. 1-1
Watertown, Massachusetts 02472
Nationality: India

have co-invented a certain invention entitled:

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Signature of Maria A. Glucksmann

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Signature of Martin R. Hodge

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IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Rachel E. Meyers

Witness

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Witness

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IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of
_____, 2003.

Signature of Kyle J. MacBeth

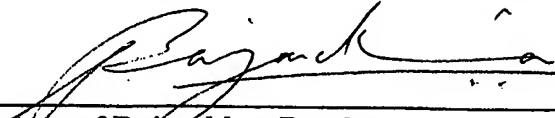
Witness

Address


Witness

Address


IN WITNESS WHEREOF, I have hereunto set hand and seal this 10th day of May, 2003. 4



Signature of Rajasekhar Bandaru



Witness Address 14 Cambridge Center, Cambridge, MA 02141



Witness Address 14 Cambridge Center, Cambridge, MA 02141